

Research Article

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List of the genera of the *Geometridae* of Turkey (*Lepidoptera*)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: List of the genera of the *Geometridae* of Turkey (*Lepidoptera*). *Cesa News* 118: 1-16.
In this paper, totally 215 valid genus group names of the *Geometridae* of Turkey are listed alphabetically. Synonymous names and original references are also added.
Key words: *Geometridae*, *Lepidoptera*, genera, list, Turkey.

Within the frame of the private Project Entomofauna of Turkey, the authors reviewed and listed here 215 valid genus group names of the family *Geometridae* of Turkey, in alphabetical order. Synonymous names are arranged alphabetically. Original references are added to all valid taxa. The symbol # denotes nomenclaturally unavailable name.

List of the genera

1. **Abraxas Leach,[1815]** (*Geometridae*) Synonym(s): *Abraxas* Leach,[1815]; *Spilota* Hübner,1818; *Zerene* Treitschke,1825 nec Hbn.,[1819]; *Xerene* Stephens,1829; *Zirene* Unger,1856 **Original Reference:** *Abraxas* Leach,[1815], [in] Brewster, Edinburgh Encycl. 9: 134. Type-species: *Phalaena grossulariata* Linnaeus,1758, by subsequent designation by Curtis,1834.

2. **Abraxas (Calospilos) Hübner,[1825]** (Geometridae) Synonym(s): *Calospilos* Hübner,[1825]; *Callispilus* Agassiz,1847 Original Reference: *Calospilos* Hübner,[1825], Verz. bekannt. Schmett.: 305. Type-species: *Phalaena ulmata* Fabricius,1775, by subsequent designation by John,1911.
3. **Acanthovalva M.Krüger,2001** (Geometridae) Synonym(s): *#Acanthovalva* Staude,1999; *Acanthovalva* M.Krüger,2001 Original Reference: *Acanthovalva* M.Krüger,2001, Bull. nat. Hist. Mus. Lond. (Ent.) 70 (1): 33. Type-species: *Geometra inconspicuaris* Hübner,[1819], by original designation.
4. **Acasis Duponchel,[1845]** (Geometridae) Synonym(s): *Acasis* Duponchel,[1845]; *Bryodis* Gumpfenberg,1887 Original Reference: *Acasis* Duponchel,[1845], Cat. méth. Lépid. Eur.: 256. Type-species: *Geometra viretata* Hübner,[1799], by monotypy.
5. **Agriopis Hübner,[1825]** (Geometridae) Synonym(s): *Agriopis* Hübner,[1825]; *Anisopteryx* Stephens,1827; *Amalthea* Gumpfenberg,1887 nec Raf.1815; *Cyropega* Dumont,1925 Original Reference: *Agriopis* Hübner,[1825], Verz. bekannt. Schmett.: 320. Type-species: *Geometra leucophaearia* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 101, by subsequent designation by Wehrli,1940.
6. **Alcis Curtis,1826** (Geometridae) Synonym(s): *Alcis* Curtis,1826; *Poecilalcis* W.Warren,1893; *Dictyodea* Wehrli,1934; *Alcisca* Wehrli,1943 Original Reference: *Alcis* Curtis,1826, Br. Ent. 3: 113. Type-species: *Phalaena repandata* Linnaeus,1758, Syst. Nat. (Edn.10)1: 524, by original designation.
7. **Aleucis Guenée,[1845]** (Geometridae) Synonym(s): *Aleucis* Guenée,[1845]; *Aleucis* Stephens,1850; *Anhibernia* Staudinger,1892 Original Reference: *Aleucis* Guenée,[1845], Cat. méth. Lépid. Eur.: 270. Type-species: *Erannis distinctata* Herrich-Schäffer,[1839], by original designation.
8. **Alsophila Hübner,[1825]** (Geometridae) Synonym(s): *Alsophila* Hübner,[1825] Original Reference: *Alsophila* Hübner,[1825], Verz. bekannt. Schmett.: 321. Type-species: *Geometra aescularia* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 102, by subsequent designation by Hulst,1896, Trans. Am. ent. Soc. 23: 257.
9. **Amorphogynia W.Warren,1894** (Geometridae) Synonym(s): *Amorphogynia* W.Warren,1894 Original Reference: *Amorphogynia* W.Warren,1894, Novit. zool. 1: 429. Type-species: *Boarmia necessaria* Zeller,1849, Stettin ent. Ztg. 10: 206, by original designation.
10. **Angerona Duponchel,1829** (Geometridae) Synonym(s): *Angerona* Duponchel,1829; *#Augerona* Desmarest,[1847] Original Reference: *Angerona* Duponchel,1829, [in] Godart & Duponchel, Hist. nat. Lépid. Papillons Fr. 7 (2): 104, 180. Type-species: *Phalaena prunaria* Linnaeus,1758, by original designation.
11. **Anticlea Stephens,1831** (Geometridae) Synonym(s): *Anticlea* Stephens,1831; *Earophila* Gumpfenberg,1887 Original Reference: *Anticlea* Stephens,1831, Illustr. Br. Ent. (Haustellata) 3: 236. Type-species: *Geometra derivata* [Denis & Schiffermüller],1775, by subsequent designation by Westwood,1840.
12. **Apeira Gistel,1848** (Geometridae) Synonym(s): *Pericallia* Stephens,1828 nec Hbn.,[1820]; *Apeira* Gistel,1848; *Hydrochroa* Gumpfenberg,1887; *Cyphosea* Grote,1896; *#Apeira*.a Okyar & Aytac,1999 Original Reference: *Apeira* Gistel,1848, Naturg. Thierreichs: xi. Type-species: *Phalaena syringaria* Linnaeus,1758, by monotypy.
13. **Aplasta Hübner,[1823]** (Geometridae) Synonym(s): *Aplasta* Hübner,[1823] Original Reference: *Aplasta* Hübner,[1823], Verz. bekannt. Schmett.: 304. Type-species: *Phalaena ononaria* Fuessly,1783, Arch. Insectengesch. 3: pl.17, by subsequent designation by L.B.Prout (1910, [in] Wytzman, Genera Insect. 104: 67).
14. **Aplocera Stephens,1827** (Geometridae) Synonym(s): *Aplocera* Stephens,1827; *Anaitis* Duponchel,1829; *Larissa* Curtis,1830; *Haplocera* Agassiz,1847 Original Reference: *Aplocera* Stephens,1827, Retrospective Review (2) 1: 243. Type-species: *Phalaena plagiata* Linnaeus,1758, by monotypy.
15. **Apocheima Hübner,[1825]** (Geometridae) Synonym(s): *Apocheima* Hübner,[1825]; *Amphidasis* Stephens,1829 nec Treit.,1825. Original Reference: *Apocheima* Hübner,[1825], Verz. bekannt. Schmett.: 319. Type-species: *Geometra hispidaria* [Denis & Schiffermüller],1775, by subsequent designation by Hulst,1896.
16. **Apochima Agassiz,1847** (Geometridae) Synonym(s): *Apocheima* Herrich-Schäffer,1838 nec Hübner,[1825]; *Apocheima* Herrich-Schäffer,1838 nec Hbn.,[1825]; *Apochima* Agassiz,1847; *Zamacra* Meyrick,1892; *Acanthocampa* Dyar,1905 Original Reference: *Apochima* Agassiz,1847, Nomencl. zool. (Index univl.): 29. Type-species: *Amphidasis flabellaria* Heeger,1838, by monotypy.
17. **Archiearis Hübner,[1823]** (Geometridae) Synonym(s): *Archiearis* Hübner,[1823]. Original Reference: *Archiearis* Hübner,[1823], Verz. bekannt. Schmett.: 280. Type-species: *Phalaena*

- parthenias Linnaeus, 1761, Fauna Suecica (Edn.2): 308, by subsequent designation by Hulst, 1896, Trans. Am. ent. Soc. 23: 317.
18. **Artiora Meyrick, 1892** (Geometridae) Synonym(s): *Pericallia* Herrich-Schäffer, 1847 nec Hbn., [1820]; *Artiora Meyrick*, 1892 Original Reference: *Artiora Meyrick*, 1892, Trans. ent. Soc. Lond. 1892: 101, 114. Type-species: *Geometra evonymaria* [Denis & Schiffermüller], 1775, by monotypy.
19. **Ascotis Hübner, [1825]** (Geometridae) Synonym(s): *Ascotis Hübner*, [1825]; *Hypopalpis* Guenée, 1862; *Burichura* Moore, 1888; *Trigonomelea* W. Warren, 1904 Original Reference: *Ascotis Hübner*, [1825], Verz. bekannt. Schmett.: 313. Type-species: *Geometra selenaria* [Denis & Schiffermüller], 1775, by subsequent designation by Joannis, 1929.
20. **Asovia Alpheraky, 1908** (Geometridae) Synonym(s): *Asovia Alpheraky*, 1908 Original Reference: *Asovia Alpheraky*, 1908, Horae Soc. ent. ross. 38: 604. Type-species: *Boarmia maeoticaria* Alpheraky, 1876, by monotypy.
21. **Aspitates Treitschke, 1825** (Geometridae) Synonym(s): *Aspitates Treitschke*, 1825; *Aspilates* Treitschke, 1827; *Parallela* Sodoffsky, 1837; *#Aspilades* Heydenreich, 1846; *Aspilata* Unger, 1856; *Eversmannia* Erschoff, 1871 (praeocc.); *Sinope* Gumpfenberg, 1887; *Toxogrammia* Gumpfenberg, 1887; *Pseudosiona* Butler, 1893; *Nyctiphanta* Hulst, 1896; *Erschoffia* Swinhoe, 1900 Original Reference: *Aspitates Treitschke*, 1825, Schmett. Eur. 5 (2): 431. Type-species: *Geometra gilvaria* [Denis & Schiffermüller], 1775, by subsequent designation by Duponchel, 1829.
22. **Asthena Hübner, [1825]** (Geometridae) Synonym(s): *Asthena Hübner*, [1825]; *Roessleria* Breyer, 1869 Original Reference: *Asthena Hübner*, [1825], Verz. bekannter Schmett.: 310. Type-species: *Geometra candidata* [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 110, by subsequent designation by Guenée, 1857, Hist. nat. Insectes 9: 435.
23. **Biston Leach, [1815]** (Geometridae) Synonym(s): *Biston Leach*, [1815]; *Dasyphara* Billberg, 1820; *Pachys* Hübner, 1822; *Eugyja* Hübner, [1825]; *Amphidasis* Treitschke, 1825; *Amphidasys* Sodoffsky, 1837; *Amphidasea* Unger, 1856; *Buzura* Walker, [1863]; *Culcula* Moore, 1888; *Eubyjodonta* W. Warren, 1893; *Blepharoctenia* W. Warren, 1894; *Epamraica* Matsumura, 1910; *#Bazura* Hutacharern & Tuhtim, 1995 Original Reference: *Biston Leach*, [1815], [in] Brewster, Edinburgh Encycl. 9: 134. Type-species: *Geometra prodromaria* [Denis & Schiffermüller], 1775, by subsequent designation by Westwood, 1840.
24. **Bupalus Leach, [1815]** (Geometridae) Synonym(s): *Bupalus Leach*, [1815]; *Phaophyga* Billberg, 1820; *Chleuastes* Hübner, 1822; *Catograptia* Hübner, [1823]; *Bupala* Snellen, 1867 nec Pascoe, 1863 Original Reference: *Bupalus Leach*, [1815], [in] Brewster, Edinburgh Encycl. 9: 134. Type-species: *Phalaena piniaria* Linnaeus, 1758, by monotypy.
25. **Cabera Treitschke, 1825** (Geometridae) Synonym(s): *Cabera Treitschke*, 1825; *Deilinia* Hübner, [1825]; *Cabera* Stephens, 1829 nec Tr., 1825; *Cabira* Sodoffsky, 1837; *Dilina* Agassiz, 1847; *Cabiro* Unger, 1856; *Thysanochilus* Butler, 1878 nec Troschel, 1857; *Dilinia* Hampson, 1895; *Gyalomia* L.B. Prout, 1913 Original Reference: *Cabera Treitschke*, 1825, Schmett. Eur. 5 (2): 437. Type-species: *Phalaena pusaria* Linnaeus, 1758, by subsequent designation by Westwood, 1840.
26. **Campaea Lamarck, 1816** (Geometridae) Synonym(s): *Campaea Lamarck*, 1816; *Eratopis* R.L., 1817; *Tribacis* Billberg, 1820; *Metrocampus* Berthold, 1827; *Metrocampe* Rambur, 1833; *Metrocampa* Bruand, 1846 Original Reference: *Campaea Lamarck*, 1816, Hist. nat. Anim. sans Vertèbres 3: 568. Type-species: *Phalaena margaritata* Linnaeus, 1767, by subsequent designation by Stephens, 1831.
27. **Camptogramma Stephens, 1831** (Geometridae) Synonym(s): *Camptogramma Stephens*, 1831 Original Reference: *Camptogramma Stephens*, 1831, Illust. Br. Ent. (Haustellata) 3: 263. Type-species: *Phalaena bilineata* Linnaeus, 1758, by monotypy.
28. **Carsia Hübner, [1825]** (Geometridae) Synonym(s): *Carsia Hübner*, [1825]; *Celma* Stephens, 1831; *#Celina* Westwood, 1840 Original Reference: *Carsia Hübner*, [1825], Verz. bekannt. Schmett.: 336. Type-species: *Geometra imbutata* Hübner, [1813], by subsequent designation by Guenée, 1857.
29. **Casilda Agenjo, 1952** (Geometridae) Synonym(s): *Casilda Agenjo*, 1952 Original Reference: *Casilda Agenjo*, 1952, Faun. Lepid. Almeriense: 180. Type-species: *Sterrhia consecraria* Staudinger, 1871, by original designation.
30. **Cataclysmes Hübner, [1825]** (Geometridae) Synonym(s): *Cataclysmes Hübner*, [1825]; *Paraplaneta* W. Warren, 1895. Original Reference: *Cataclysmes Hübner*, [1825], Verz. bekannter Schmett.: 329. Type-species: *Geometra riguata* Hübner, [1813], Samml. eur. Schmett. 5: pl. 69 fig. 358, by monotypy.
31. **Catarhoe Herbulot, 1951** (Geometridae) Synonym(s): *Catarhoe Herbulot*, 1951 Original Reference: *Catarhoe Herbulot*, 1951, Revue fr. Lépidopt. 13: 25. Type-species: *Cidaria basochesiata* Duponcel, 1830, by original designation.

- 32. Cepphis Hübner,[1823]** (Geometridae) Synonym(s): *Cepphis Hübner,[1823]*; *Hetrione Poppius,1887* Original Reference: *Cepphis Hübner,[1823]*, Verz. bekannt. Schmett.: 294. Type-species: *Geometra advenaria Hübner,[1799]*, by subsequent designation by Lhomme,[1929].
- 33. Chemerina Boisduval,1840** (Geometridae) Synonym(s): *Chemerina Boisduval,1840*; *Chamerina Desmarest,1847*; *Chimerina Agassiz,1847*; *Dysemon Lederer,1853* Original Reference: *Chemerina Boisduval,1840*, Genera Index méth. eur. Lépid.: 193. Type-species: *Ligia caliginearia Rambur,1833*, by monotypy.
- 34. Chesias Treitschke,1825** (Geometridae) Synonym(s): *Chesias Treitschke,1825*; *Eucestia Hübner,[1825]*; *Eucestix Agassiz,1847* Original Reference: *Chesias Treitschke,1825*, Schmett. Eur. 5 (2): 437. Type-species: *Phalaena spartiata Herbst,1782*, by subsequent designation by Duponchel,1829.
- 35. Chesistege Viidalepp,1990** (Geometridae) Synonym(s): *Chesistege Viidalepp,1990* Original Reference: *Chesistege Viidalepp,1990*, Uchen. Zap. tartu. gos. Univ. 875: 26. Type-species: *Chesias korbi Bohatsch,1909*, by original designation.
- 36. Chiasmia Hübner,[1823]** (Geometridae) Synonym(s): *Chiasmia Hübner,[1823]*; *Arte Stephens,1829*; *Hercyna Stephens,1829 nec Treit.,1828*; *Strenia Duponchel,1829*; *Sternia Kolenati,1846*; *Osteodes Guenée,[1858] nec Conrad,1855*; *Discalma Meyrick,1892*; *Tephropsis W.Warren,1896*; *Xenoneura W.Warren,1896*; *Hyostomodes W.Warren,1897*; *Peridela W.Warren,1897*; *Iulocera W.Warren,1905*; *Allochrosis Strand,1912*; *Neomacaria Wehrli,1937*; *Thyridesia Wehrli,1940*; *#Chiasama Hutacharern & Tuhtim,1995* Original Reference: *Chiasmia Hübner,[1823]*, Verz. bekannt. Schmett.: *Phalaena clathrata Linnaeus,1758*, by subsequent designation by Grote,1902.
- 37. Chlorissa Stephens,1831** (Geometridae) Synonym(s): *Chlorissa Stephens,1831*; *Aoshakuna Matsumura,1925* Original Reference: *Chlorissa Stephens,1831*, Illust. Br. Ent. (Haustellata) 3: 315. Type-species: *Phalaena viridata Linnaeus,1758*, by subsequent designation by Westwood,1840.
- 38. Chloroclysta Hübner,[1825]** (Geometridae) Synonym(s): *Chloroclysta Hübner,[1825]*; *Dysstroma Hübner,[1825]*; *Polyphasia Stephens,1831*; *Euthalia Stephens,1831* Original Reference: *Chloroclysta Hübner,[1825]*, Verz. bekannter Schmett.: 332. Type-species: *Phalaena miata Linnaeus,1758*, Syst. Nat. (Edn.10) 1: 526, by subsequent designation by Hulst,1896, Trans. Am. ent. Soc. 23: 283.
- 39. Chloroclystis Hübner,[1825]** (Geometridae) Synonym(s): *Chloroclystis Hübner,[1825]*; *Axinoptera Hampson,1893*; *Ceratorhynchus Hampson,1893 nec Agass.,1829*; *Rhinoprora W.Warren,1895*; *Gymnopera W.Warren,1896*; *Cithecia Staudinger,1897*; *Dyserga W.Petersen,1909*; *Calliclystis Dietze,1910*; *Olygoclystia Bastelberger,1911* Original Reference: *Chloroclystis Hübner,[1825]*, Verz. bekannter Schmett.: 323. Type-species: *Geometra coronata Hübner,[1813]*, Samml. eur. Schmett. 5: pl.72 fig.372,373, by subsequent designation by Hulst,1896, Trans. Am. ent. Soc. 23: 263.
- 40. Chrysocraspeda Swinhoe,1893** (Geometridae) Synonym(s): *Chrysocraspeda Swinhoe,1893*; *Chrysocraspeda Hampson,1895*; *Ptochophyle W.Warren,1896*; *Chrysolene W.Warren,1897*; *Heteroctenis Meyrick,1897* Original Reference: *Chrysocraspeda Swinhoe,1893*, Ann. Mag. nat. Hist. (6) 12: 157. Type-species: *Ephyra abhadraca Walker,1861*, by subsequent designation by D.S.Fletcher,1979.
- 41. Cidaria Treitschke,1825** (Geometridae) Synonym(s): *Cidaria Treitschke,1825*; *Harpalyce Stephens,1827*; *Zonodonta Sodoffsky,1837* Original Reference: *Cidaria Treitschke,1825*, Schmett. Eur. 5 (2): 442. Type-species: *Phalaena fulvata Forster,1771*, by subsequent designation by Duponchel,1829.
- 42. Cinglis Guenée,[1858]** (Geometridae) Synonym(s): *Cinglis Guenée,[1858]* Original Reference: *Cinglis Guenée,[1858]*, [in] Boisduval & Guenée, Hist. nat. Insectes (Lépid.) 10: 114. Type-species: *Fidonia humifusaria Eversmann,1837*, by monotypy.
- 43. Cleora Curtis,1825** (Geometridae) Synonym(s): *Cleora Curtis,1825*; *Cerotricha Guenée,[1858]*; *Barsine Meyrick,1883 nec Walk.,1854*; *Meyrickia Butler,1884*; *Chogada Moore,1887*; *Carecomotis W.Warren,1896*; *Neocleora Janse,1932* Original Reference: *Cleora Curtis,1825*, Br. Ent. 2: 88. Type-species: *Geometra cinctaria [Denis & Schiffermüller],1775*, Ankündigung syst. Werkes Schmett. Wienergegend: 101, by original designation.
- 44. Cleorodes W.Warren,1894** (Geometridae) Synonym(s): *Cleorodes W.Warren,1894* Original Reference: *Cleorodes W.Warren,1894*, Novit. zool. 1: 434. Type-species: *Phalaena lichenaria Hufnagel,1767*, by original designation.
- 45. Cleta Duponchel,[1845]** (Geometridae) Synonym(s): *Cleta Duponchel,[1845]*; *Chrysoctenis Meyrick,1892*; *#Cletha Amsel,1933* Original Reference: *Cleta Duponchel,[1845]*, Cat. méth. Lépid. Eur.: 271. Type-species: *Geometra vittaria Hübner,[1813]*, by subsequent designation by L.B.Prout,1911.

46. **Coenotephria L.B.Prout,1915** (Geometridae) Synonym(s): *Coenotephria* L.B.Prout,1915
Original Reference: Coenotephria L.B.Prout,1915, [in] Seitz,A., Gross-Schmett. Erde 4: 238.
47. **Colostygia Hübner,[1825]** (Geometridae) Synonym(s): *Colostygia* Hübner,[1825]; *Amoebe* Hübner,[1825]; *Erinobia* Stephens,1850
Original Reference: Colostygia Hübner,[1825], Verz. bekannter Schmett.: 328. Type-species: Geometra turbata Hübner,[1799], Samml. eur. Schmett. 5: pl.49 fig.255, by subsequent designation by Hulst,1896, Trans. Am. ent. Soc. 23: 292.
48. **Colotois Hübner,[1823]** (Geometridae) Synonym(s): *Colotois* Hübner,[1823]; *Metra* Stephens,1827; *Himera* Duponchel,1829
Original Reference: Colotois Hübner,[1823], Verz. bekannter Schmett.: 288. Type-species: Phalaena pennaria Linnaeus,1761, by subsequent designation by L.B.Prout,1915.
49. **Comibaena Hübner,[1823]** (Geometridae) Synonym(s): *Comibaena* Hübner,[1823]
Original Reference: Comibaena Hübner,[1823], Verz. bekannter Schmett.: 284. Type-species: Geometra bajularia [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 97, by subsequent designation by Moore,[1887], Lepid. Ceylon 3: 433.
50. **Cosmorhoe Hübner,[1825]** (Geometridae) Synonym(s): *Cosmorhoe* Hübner,[1825]; *Lyncometra* L.B.Prout,1914
Original Reference: Cosmorhoe Hübner,[1825], Verz. bekannter Schmett.: 326. Type-species: Phalaena ocellata Linnaeus,1758, Syst. Nat. (Edn.10) 1: 527, by subsequent designation by Bode,1907, Mitt. Roemermus. Hildesh. 22: 26.
51. **Costaconvexa Agenjo,1949** (Geometridae) Synonym(s): *Costaconvexa* Agenjo,1949; *Grammorhoe* Herbulot,1951
Original Reference: Costaconvexa Agenjo,1949, Graellsia 7: 105. Type-species: Phalaena polygrammata Borkhausen,1794, by original designation.
52. **Crocallis Treitschke,1825** (Geometridae) Synonym(s): *#Eusarca* Hübner,[1806]; *Crocallis* Treitschke,1825; *Crocallis* Stephens,1829 nec Tr.,1825
Original Reference: Crocallis Treitschke,1825, Schmett. Eur. 5 (2): 431. Type-species: Phalaena elinguarina Linnaeus,1758, by subsequent designation by Duponchel,1829.
53. **Culpinia L.B.Prout,1912** (Geometridae) Synonym(s): *Culpinia* L.B.Prout,1912
Original Reference: Culpinia L.B.Prout,1912, [in] Wytzman, Genera Insect. 129: 15, 139. Type-species: Thaleria diffusa Walker,1861, by original designation.
54. **Cyclophora Hübner,1822** (Geometridae) Synonym(s): *Cyclophora* Hübner,1822; *Codonia* Hübner,[1823]; *Cosymbia* Hübner,[1823]; *Leucophthalmia* Hübner,[1823]; *Cyclophora* Stephens,1829 nec Hbn.,1822; *Ephyra* Stephen,1829; *Matella* Gistl,1848; *Anisodes* Guenée,[1858]; *Zonosoma* Lederer,1853; *Pisoraca* Walker,1861; *Euephyra* Packard,1873; *Streptopteron* Swinhoe,1892; *Pachythalia* W.Warren,1897; *Peostenodes* W.Warren,1903
Original Reference: Cyclophora Hübner,1822, Syst.-alphab. Verz.: 41, 43. Type-species: Phalaena albipunctata Hufnagel,1767, Berl. Mag. 4: 526, by subsequent designation by Moore,[1887], Lepid. Ceylon 3: 442.
55. **Dasycorsa L.B.Prout,1915** (Geometridae) Synonym(s): *Dasycephala* Staudinger,1879 nec Sw.,[1832]; *Dasycorsa* L.B.Prout,1915
Original Reference: Dasycorsa L.B.Prout,1915, [in] Seitz, Gross-Schmett. Erde 4: 332. Type-species: Dasycephala modesta Staudinger,1879, by monotypy.
56. **Digrammia Gumpfenberg,1887** (Geometridae) Synonym(s): *Digrammia* Gumpfenberg,1887; *Asmate* Gumpfenberg,1887; *Spinuncina* Wehrli,1937
Original Reference: Digrammia Gumpfenberg,1887, Nova Acta Acad. Caesar. Leop. Carol. 49: 325. Type-species: Phasiane mellistrigata Grote,1873, by subsequent designation by D.S.Fletcher,1979.
57. **Docirava Walker,[1863]** (Geometridae) Synonym(s): *Docirava* Walker,[1863]
Original Reference: Docirava Walker,[1863], List spec. lepid. Ins. Colln Br. Mus. 26: 1635. Type-species: Docirava aequilineata Walker,[1863], by monotypy.
58. **Dyscia Hübner,[1825]** (Geometridae) Synonym(s): *Dyscia* Hübner,[1825]; *Scodiona* Boisduval,1840.
Original Reference: Dyscia Hübner,[1825], Verz. bekannter Schmett.: 314. Type-species: Geometra conspersaria [Denis & Schiffermüller],1775, by subsequent designation by Hulst,1896.
59. **Dyscia (Calodyscia) Wehrli,1950** (Geometridae) Synonym(s): *Calodyscia* Wehrli,1950
Original Reference: Calodyscia Wehrli,1950, Ent. Ber., Amst. 13: 78. Type-species: Scodiona sicanaria Oberthür,1923, by original designation.
60. **Dyscia (Rjabovana) Wehrli,1950** (Geometridae) Synonym(s): *Rjabovana* Wehrli,1950
Original Reference: Rjabovana Wehrli,1950, Ent. Ber., Amst 13: 80. Type-species: Dyscia negrama Wehrli,1950, by original designation.
61. **Dyscia (Warneckeella) Wehrli,1950** (Geometridae) Synonym(s): *Warneckeella* Wehrli,1950
Original Reference: Warneckeella Wehrli,1950, Ent. Ber., Amst. 13: 77. Type-species: Dyscia malatyana Wehrli,1934, by original designation.

- 62. Dyscia (s.str.) Hübner,[1825]** (Geometridae) Synonym(s): *Dyscia* Hübner,[1825]; *Scodiona* Boisduval,1840. Original Reference: *Dyscia* Hübner,[1825], Verz. bekannter Schmett.: 314. Type-species: *Geometra conspersaria* [Denis & Schifferrmüller],1775, by subsequent designation by Hulst,1896.
- 63. Ecliptopera W.Warren,1894** (Geometridae) Synonym(s): *Ecliptopera* W.Warren,1894; *Diactinia* W.Warren,1898; *Urolophia* Swinhoe,1900 Original Reference: *Ecliptopera* W.Warren,1894, Novit. zool. 1: 679. Type-species: *Eustroma triangulifera* Moore,1888, by original designation.
- 64. Ectropis Hübner,[1825]** (Geometridae) Synonym(s): *Ectropis* Hübner,[1825]; *Boarmia* Stephens,1829 nec Tr.,1825; *Tephrosia* Boisduval,1840; *Coenobita* Gistl,1848 nec Latr.,1829 Original Reference: *Ectropis* Hübner,[1825], Verz. bekannt. Schmett.: 316. Type-species: *Geometra crepuscularia* [Denis & Schifferrmüller],1775, by subsequent designation by Hulst,1896.
- 65. Elilicrinia Hübner,[1823]** (Geometridae) Synonym(s): *Elilicrinia* Hübner,[1823]; *Illicrinia* Agassiz,1847; *Pareilicrinia* W.Warren,1894 Original Reference: *Elilicrinia* Hübner,[1823], Verz. bekannter Schmett.: 287. Type-species: *Phalaena cordiaria* Hübner,1790, Beitr. Gesch. Schmett. 2(1):31, pl.(1) 4, fig.Z, by subsequent designation by Guenée,1857 [in] Boisduval & Guenée, Hist. nat. Insectes 10: 64.
- 66. Electrophaes L.B.Prout,1923** (Geometridae) Synonym(s): *Electra* Curtis,1836 nec Lamouroux,1816; *Electrophaes* L.B.Prout,1923 Original Reference: *Electrophaes* L.B.Prout,1923, Novit. zool. 30: 197. Type-species: *Phalaena corylata* Thunberg,1792, by original designation.
- 67. Ematurga Lederer,1853** (Geometridae) Synonym(s): *Ematurga* Lederer,1853 Original Reference: *Ematurga* Lederer,1853, Verh. zool.- bot. Ver. Wien 3 (Abh.): 179, 227, 231. Type-species: *Phalaena atomaria* Linnaeus,1758, by monotypy.
- 68. Enanthyperythra Wehrli,1937** (Geometridae) Synonym(s): *Enanthyperythra* Wehrli,1937 Original Reference: *Enanthyperythra* Wehrli,1937, Ent. Z., Frankf. a. M. 51: 117. Type-species: *Hypoplectis legataria* Herrich-Schäffer,[1852], by original designation (proposed as subgenus of *Anthyperythra* Swinhoe,1891).
- 69. Ennomos Treitschke,1825** (Geometridae) Synonym(s): *Eugonia* Hübner,[1823] nec Hübn.,[1819]; *Ennomos* Treitschke,1825; *Odoptera* Sodoffsky,1837; *Odontoptera* Agassiz,1847 nec Carreno,1842 Original Reference: *Ennomos* Treitschke,1825, Schmett. Eur. 5 (2): 427. Type-species: *Eugonia autumnaria* Werneburg,1859, by subsequent designation by Duponchel,1829.
- 70. Ennomos (Deuteronomos) L.B.Prout,1914** (Geometridae) Synonym(s): *Deuteronomos* L.B.Prout,1914; *#Denderonomos* L.B.Prout,1915 Original Reference: *Deuteronomos* L.B.Prout,1914, [in] Pierce, Genitalia Group Geometridae Lepid. Br. Islands: xxvii, 8. Type-species: *Phalaena alniaria* Linnaeus,1758, by subsequent designation by D.S.Fletcher,1966.
- 71. Ennomos (s.str.) Treitschke,1825** (Geometridae) Synonym(s): *Eugonia* Hübner,[1823] nec Hübn.,[1819]; *Ennomos* Treitschke,1825; *Odoptera* Sodoffsky,1837; *Odontoptera* Agassiz,1847 nec Carreno,1842 Original Reference: *Ennomos* Treitschke,1825, Schmett. Eur. 5 (2): 427. Type-species: *Eugonia autumnaria* Werneburg,1859, by subsequent designation by Duponchel,1829.
- 72. Entephria Hübner,[1825]** (Geometridae) Synonym(s): *Entephria* Hübner,[1825]; *Glaucopteryx* Hübner,[1825]; *Phaesylodes* Bruand,[1847]; *Trichochlamys* Hulst,1896. Original Reference: *Entephria* Hübner,[1825], Verz. bekannt. Schmett.: 332. Type-species: *Geometra flavicinctata* Hübner,[1813], by subsequent designation by Hulst,1896.
- 73. Epilobophora Inoue,1943** (Geometridae) Synonym(s): *Epilobophora* Inoue,1943; *Paramathia* Herbulot,1948. Original Reference: *Epilobophora* Inoue,1943, Trans. Kansai ent. Soc. 12 (2): 9. Type-species: *Lobophora obscuraria* Leech,1891, by original designation.
- 74. Epione Duponchel,1829** (Geometridae) Synonym(s): *Epione* Duponchel,1829 Original Reference: *Epione* Duponchel,1829, [in] Godart & Duponchel, Hist. nat. Lépid. Papillons Fr 7 (2): 105, 211. Type-species: *Geometra paralellaria* [Denis & Schifferrmüller],1775, by original designation.
- 75. Epirrhoe Hübner,[1825]** (Geometridae) Synonym(s): *Epirrhoe* Hübner,[1825] Original Reference: *Epirrhoe* Hübner,[1825], Verz. bekannter Schmett.: 328. Type-species: *Geometra rivata* Hübner,[1813], Samml. eur. Schmett. 5: pl.79 fig.409, by subsequent designation by Hulst,1896, Trans. Am. ent. Soc. 23: 279.
- 76. Epirrita Hübner,[1822]** (Geometridae) Synonym(s): *Epirrita* Hübner,[1822]; *Oporinia* Hübner,[1825]; *Oporabia* Stephens,1831; *Oporobia* Agassiz,1847 Original Reference: *Epirrita* Hübner,[1822], Syst.-alphab. Verz.: 38-42, 44-51. Type-species: *Geometra dilutata* [Denis & Schifferrmüller],1775, by subsequent designation by L.B.Prout,1897.

77. **Erannis Hübner,[1825]** (Geometridae) Synonym(s): *Erannis Hübner,[1825]; Hybernia Berthold,1827; Lampetia Stephens,1827; Chimadia Speyer,1839; Thriptera Gistel,1848* Original Reference: *Erannis Hübner,[1825]*, Verz. bekannter Schmett.: 320. Type-species: [Phalaena] defoliaria Clerck,1759, by subsequent designation by Hulst,1896.
78. **Euchoeca Hübner,[1823]** (Geometridae) Synonym(s): *Euchoeca Hübner,[1823]* Original Reference: *Euchoeca Hübner,[1823]*, Verz. bekannter Schmett.: 298. Type-species: *Geometra hepararia Hübner,[1799]*, Samml. eur. Schmett. 5: pl.11 fig.58, by subsequent designation by Fletcher,1979, Generic names of moths of the world 3: 79.
79. **Eucrostes Hübner,[1823]** (Geometridae) Synonym(s): *Eucrostes Hübner,[1823]; Eucrostis Hübner,1826; Euchrostis Zeller,1872; Euchrostes Gumpfenberg,1887* Original Reference: *Eucrostes Hübner,[1823]*, Verz. bekannter Schmett.: 283. Type-species: *Geometra fimbriolaria Hübner,[1817]*, Samml. eur. Schmett. 5: pl.91 fig.468, by subsequent designation by Prout,1912, in Wytsman, Genera Insect. 129: 245.
80. **Eulithis Hübner,[1821]** (Geometridae) Synonym(s): *Eulithis Hübner,[1821]; Lygris Hübner,[1825]; Steganolophia Stephens,1829; Neolexia Hulst,1896; Phylace Hulst,1896* Original Reference: *Eulithis Hübner,[1821]*, Index exot. Lepid.: [3]. Type-species: *Petrophora diversilineata Hübner,[1813]*, by monotypy.
81. **Eumera Staudinger,1892** (Geometridae) Synonym(s): *Eumera Staudinger,1892* Original Reference: *Eumera Staudinger,1892*, Dt. ent. Z., Iris 5: 162. Type-species: *Eumera regina Staudinger,1892*, Dt. ent. Z., Iris 5: 162-164, Taf.ii fig.8. Syntypes 3♂ 1♀: [Türkei]: Amasia; [Croatien]: Zara, by monotypy.
82. **Euphyia Hübner,[1825]** (Geometridae) Synonym(s): *Euphyia Hübner,[1825]; Anapalta W.Warren,1904; Orthoprora W.Warren,1904; Warrenia L.B.Prout,1910* Original Reference: *Euphyia Hübner,[1825]*, Verz. bekannter Schmett.: 326. Type-species: *Geometra picata Hübner,[1813]*, Samml. eur. Schmett. 5: pl.84 fig.435, by subsequent designation by Hulst,1896, Trans. Am. ent. Soc. 23: 283.
83. **Eupithecia Curtis,1825** (Geometridae) Synonym(s): *Eupithecia Curtis,1825; Arcyonia Hübner,[1825]; Dyscymatoge Hübner,[1825]; Eucymatoge Hübner,[1825]; Hyperirritis Hübner,[1825]; Leucocora Hübner,[1825]; Tarachia Hübner,[1825]; Tephroclysta Hübner,[1825]; Zygmene Boie,1839; Lepiodes Guenée,1858; Pena Walker,1863; Epicaste Gumpfenberg,1887; Dietzea Schütze,1956; Petersenia Schütze,1958; Bohatschia Schütze,1960; Delaeveria Schütze,1961; Catarina Vojnits & De Laever,1973; Propithecia Vojnits,1985; Heteropithecia Vojnits,1985; Neoithecia Vojnits,1985* Original Reference: *Eupithecia Curtis,1825*, Br. Ent. 2: 64. Type-species: [Phalaena] absinthiata Clerck,1759, by original designation.
84. **Eustroma Hübner,[1825]** (Geometridae) Synonym(s): *Eustroma Hübner,[1825]* Original Reference: *Eustroma Hübner,[1825]*, Verz. bekannter Schmett.: 335. Type-species: *Geometra reticulata* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 114, by subsequent designation by Warren,1893, Proc. zool. Soc. Lond. 1893: 335.
85. **Geometra Linnaeus,1758** (Geometridae) Synonym(s): *Geometra Linnaeus,1758* Original Reference: *Geometra Linnaeus,1758*, Syst. Nat. (Edn.10) 1: 519. Type-species: *Phalaena papilionaria Linnaeus,1758*, ibidem 1: 522, by subsequent designation by ICZN (Opinion 450).
86. **Glossotrophia L.B.Prout,1913** (Geometridae) Synonym(s): *Glossotrophia L.B.Prout,1913* Original Reference: *Glossotrophia L.B.Prout,1913*, [in] Seitz, Gross-Schmett. Erde 4: 82. Type-species: *Acidalia confinaria Herrich-Schäffer,[1847]*, by original designation.
87. **Glossotrophia (Libanonia) Hausmann,1993** (Geometridae) Synonym(s): *Libanonia Hausmann,1993* Original Reference: *Libanonia Hausmann,1993*, Mitt. münch. ent. Ges. 83: 86-87. Type-species: *Glossotrophia asellaria ssp. semitata Prout,1913*, by original designation [proposed originally as a subgenus of *Glossotrophia Prout,1913*].
88. **Glossotrophia (s.str.) L.B.Prout,1913** (Geometridae) Synonym(s): *Glossotrophia L.B.Prout,1913* Original Reference: *Glossotrophia L.B.Prout,1913*, [in] Seitz, Gross-Schmett. Erde 4: 82. Type-species: *Acidalia confinaria Herrich-Schäffer,[1847]*, by original designation.
89. **Gnopharmia Staudinger,1892** (Geometridae) Synonym(s): *Gnopharmia Staudinger,1892* Original Reference: *Gnopharmia Staudinger,1892*, Dt. ent. Z., Iris 5: 181. Type-species: *Gnophos colchidaria Lederer,1870*, by subsequent designation by L.B.Prout,1915.
90. **Gnophos Treitschke,1825** (Geometridae) Synonym(s): *#Sciadion Hübner,[1806]; Gnophos Treitschke,1825; Scotopterix Hübner,[1825]; Scotopteryx Agassiz,1847; Gnophus Agassiz,1847; #Sciadion L.B.Prout,1904* Original Reference: *Gnophos Treitschke,1825*, [in] Ochsenheimer, Schmett. Eur. 5 (2): 432. Type-species: *Geometra furvata* [Denis & Schiffermüller],1775, by subsequent designation by Duponchel,1829, [in] Godart & Duponchel, Hist. nat. Lépid. Papillons Fr. 7 (2): 110.

91. **Gnophos (Cnestrognophos) Wehrli,1951** (Geometridae) **Synonym(s):** *Cnestrognophos Wehrli,1951*; *Cnestrognophos Wehrli,1953* Original Reference: *Cnestrognophos Wehrli,1951*, *Lambillionea* 51: 26. Type-species: *Gnophos praeacutaria Wehrli,1922*, by original designation.
92. **Gnophos (Dicrognophos) Wehrli,1951** (Geometridae) **Synonym(s):** *Dicrognophos Wehrli,1951* Original Reference: *Dicrognophos Wehrli,1951*, *Lambillionea* 51: 10. Type-species: *Gnophos orthogonia Wehrli,1939*, *Mitt. münch. ent. Ges.* 29: 72, by original designation.
93. **Gnophos (Dysgnophos) Wehrli,1951** (Geometridae) **Synonym(s):** *Dysgnophos Wehrli,1951* Original Reference: *Dysgnophos Wehrli,1951*, *Lambillionea* 51: 23. Type-species: *Gnophos difficilis Alpheraky,1883*, by original designation.
94. **Gnophos (Organognophos) Wehrli,1951** (Geometridae) **Synonym(s):** *Organognophos Wehrli,1951*; *Organognophos Wehrli,1953* Original Reference: *Organognophos Wehrli,1951*, *Lambillionea* 51: 24. Type-species: *Gnophos sibirata Guenée,1857*, by original designation.
95. **Gnophos (s.str.) Treitschke,1825** (Geometridae) **Synonym(s):** *#Sciadion Hübner,[1806]*; *Gnophos Treitschke,1825*; *Scotopterix Hübner,[1825]*; *Scotopteryx Agassiz,1847*; *Gnophus Agassiz,1847*; *#Sciadion L.B.Prout,1904*. Original Reference: *Gnophos Treitschke,1825*, [in] *Ochsenheimer, Schmett. Eur.* 5 (2): 432. Type-species: *Geometra furvata [Denis & Schiffermüller],1775*, by subsequent designation by *Duponchel,1829*, [in] *Godart & Duponchel, Hist. nat. Lépid. Papillons Fr.* 7 (2): 110.
96. **Gymnoscelis Mabilie,1868** (Geometridae) **Synonym(s):** *Gymnoscelis Mabilie,1868*; *Iramba Moore,1887*; *Dolerosceles Meyrick,1889* Original Reference: *Gymnoscelis Mabilie,1868*, *Annls Soc. ent. Fr.* (4) 7: 656. Type-species: *Geometra pumilata Hübner,[1813]*, by monotypy.
97. **Gypsochroa Hübner,[1825]** (Geometridae) **Synonym(s):** *Gypsochroa Hübner,[1825]* Original Reference: *Gypsochroa Hübner,[1825]*, *Verz. bekannter Schmett.:* 337. Type-species: *Geometra renitidata Hübner,[1817]*, *Samml. eur. Schmett.* 5: pl.94 fig.485, by subsequent designation by *Prout,1910*, in *Wytzman, Genera Insect.* 104: 72.
98. **Heliomata Grote & Robinson,1866** (Geometridae) **Synonym(s):** *Heliomata Grote & Robinson,1866*; *#Haliommata Packard,1876* Original Reference: *Heliomata Grote & Robinson,1866*, *Proc. ent. Soc. Philad.* 6: 29. Type-species: *Baptria infulata Grote,1863*, by subsequent designation by *Hulst,1896*.
99. **Hemistola W.Warren,1893** (Geometridae) **Synonym(s):** *Hemistola W.Warren,1893* Original Reference: *Hemistola W.Warren,1893*, *Proc. zool. Soc. Lond.* 1893: 353. Type-species: *Hemistola rubrimargo W.Warren,1893*, by original designation.
100. **Hemithea Duponchel,1829** (Geometridae) **Synonym(s):** *Hemithea Duponchel,1829*; *Geometrina Motschulsky,[1861]*; *Lophocrita W.Warren,1894*; *Mixolophia W.Warren,1894* Original Reference: *Hemithea Duponchel,1829*, [in] *Godart & Duponchel, Hist. nat. Lépid. Papillons Fr.* 7 (2): 106, 233. Type-species: *Geometra aestivaria Hübner,[1799]*, by original designation.
101. **Heterolocha Lederer,1853** (Geometridae) **Synonym(s):** *Heterolocha Lederer,1853*; *Nabla Walker,1866*; *Hetaera Gumpfenberg,1887*; *Symmetresia Wehrli,1937* Original Reference: *Heterolocha Lederer,1853*, *Ver. zool.- bot. Ver. Wien* 3 (Abh.): 176, 202, 207. Type-species: *Hypoplectis laminaria Herrich-Schäffer,1852*, by monotypy.
102. **Hierochthonia L.B.Prout,1912** (Geometridae) **Synonym(s):** *Hierochthonia L.B.Prout,1912*; *#Hierochthonia Krüger,1939* Original Reference: *Hierochthonia L.B.Prout,1912*, [in] *Wytzman, Genera Insect.* 129: 3, 204. Type-species: *Microloxia pulverata W.Warren,1901*, by original designation.
103. **Holoterpna Püngeler,1900** (Geometridae) **Synonym(s):** *Holoterpna Püngeler,1900* Original Reference: *Holoterpna Püngeler,1900*, *Dt. ent. Z., Iris* 12: 296. Type-species: *Holoterpna diagrapharia Püngeler,1900*, by subsequent designation by *L.B.Prout,1912*.
104. **Horisme Hübner,[1825]** (Geometridae) **Synonym(s):** *Horisme Hübner,[1825]*; *Larentia Bruand,1847 (praeocc.)* Original Reference: *Horisme Hübner,[1825]*, *Verz. bekannter Schmett.:* 331. Type-species: *Geometra tersata [Denis & Schiffermüller],1775*, *Ankündigung syst. Werkes Schmett. Wienergegend:* 109, by subsequent designation by *Hulst,1896*, *Trans. Am. ent. Soc.* 23: 272.
105. **Hydrelia Hübner,[1825]** (Geometridae) **Synonym(s):** *Hydrelia Hübner,[1825]*; *Autallacta W.Warren,1893* Original Reference: *Hydrelia Hübner,[1825]*, *Verz. bekannt. Schmett.:* 322. Type-species: *Geometra sylvata [Denis & Schiffermüller],1775*, by monotypy.
106. **Hydria Hübner,1822** (Geometridae) **Synonym(s):** *Hydria Hübner,1822* Original Reference: *Hydria Hübner,1822*, *Syst.-alphab. Verz.:* 38-45, 51, 52. Type-species: *Phalaena undulata Linnaeus,1758*, by subsequent designation by *Grote,1902*.

- 107. Hydriomena Hübner,[1825]** (Geometridae) **Synonym(s):** *Hydriomena Hübner,[1825]*; *Ypsipetes Stephens,1829*; *Hypsipetes Stephens,1831 nec Vigors,1831*; *Karacidaria Matsumura,1925* **Original Reference:** *Hydriomena Hübner,[1825]*, Verz. bekannter Schmett.: 322. Type-species: *Geometra elutata Hübner,[1799]*, Samml. eur. Schmett. 5: pl.43 fig.224, by subsequent designation by Meyrick,1917, Trans. N.Z. Inst. 49: 255.
- 108. Hylaea Hübner,1822** (Geometridae) **Synonym(s):** *Hylaea Hübner,1822*; *Therina Hübner,[1823]*; *Ellopiia Treitschke,1825*; *Ellopiia Stephens,1829 nec Tr.,1825* **Original Reference:** *Hylaea Hübner,1822*, Syst.-alphab. Verz.: 39, 43, 47, 50. Type-species: *Phalaena fasciaria Linnaeus,1758*, by subsequent designation by Herbulot,[1964].
- 109. Hypomecis Hübner,[1821]** (Geometridae) **Synonym(s):** *Hypomecis Hübner,[1821]*; *Dryocoetis Hübner,[1825]*; *Boarmia Treitschke,1825*; *Serraca Moore,[1887]*; *Pseudoangerona Moore,[1887]*; *Narapa Moore,[1887]*; *Alcippe Gumpfenberg,1887 nec Blyth,1844*; *Astacuda Moore,1888*; *Maidana Swinhoe,1900*; *Pseudoboarmia McDunnough,1920* **Original Reference:** *Hypomecis Hübner,[1821]*, Index exot. Lepid. [7]. Type-species: *Cymatophora umbrosaria Hübner,[1813]*, by monotypy.
- 110. Hyposcotis Hübner,[1825]** (Geometridae) **Synonym(s):** *Hyposcotis Hübner,[1825]* **Original Reference:** *Hyposcotis Hübner,[1825]*, Verz. bekannt. Schmett.: 314. Type-species: *Geometra mucidaria Hübner,[1799]*, by subsequent designation by L.B.Prout (1904, Entomologist's Rec. J. Var. 16: 122).
- 111. Hyposcotis (Charissa) Curtis,1826** (Geometridae) **Synonym(s):** *Charissa Curtis,1826*; *Lycognophos Wehrli,1951*; *#Lysognophos Wehrli,1953* **Original Reference:** *Charissa Curtis,1826*, Br. Ent. 3: 105. Type-species: *Geometra obscurata* [Denis & Schiffermüller],1775, by original designation.
- 112. Hyposcotis (Euchrognophos) Wehrli,1951** (Geometridae) **Synonym(s):** *Euchrognophos Wehrli,1951* **Original Reference:** *Euchrognophos Wehrli,1951*, Lambillionea 51: 25. Type-species: *Gnophos variegata Duponchel,1830*, by original designation.
- 113. Hyposcotis (Kentrognophos) Wehrli,1951** (Geometridae) **Synonym(s):** *Kentrognophos Wehrli,1951*; *#Kentrognophos Wehrli,1951* **Original Reference:** *Kentrognophos Wehrli,1951*, Lambillionea 51: 11. Type-species: *Scodion onustaria Herrich-Schäffer,[1852]*, by original designation.
- 114. Hyposcotis (Neognophina) Wehrli,1946** (Geometridae) **Synonym(s):** *Neognophina Wehrli,1946* **Original Reference:** *Neognophina Wehrli,1946*, Revue fr. Lépidopt. 10: 241. Type-species: *Gnophos intermedia Wehrli,1917*, by original designation.
- 115. Hyposcotis (Rhopalognophos) Wehrli,1951** (Geometridae) **Synonym(s):** *Rhopalognophos Wehrli,1951*; *Rhopalognophos Wehrli,1953* **Original Reference:** *Rhopalognophos Wehrli,1951*, Lambillionea 51: 24. Type-species: *Geometra glaucinaria Hübner,[1799]*, by original designation.
- 116. Hyposcotis (s.str.) Hübner,[1825]** (Geometridae) **Synonym(s):** *Hyposcotis Hübner,[1825]* **Original Reference:** *Hyposcotis Hübner,[1825]*, Verz. bekannt. Schmett.: 314. Type-species: *Geometra mucidaria Hübner,[1799]*, by subsequent designation by L.B.Prout (1904, Entomologist's Rec. J. Var. 16: 122).
- 117. Idaea Treitschke,1825** (Geometridae) **Synonym(s):** *Idaea Treitschke,1825*; *Sterrrha Hübner,[1825]*; *Arrhostia Hübner,[1825]*; *Pycitis Hübner,[1825]*; *Ptychopoda Curtis,1826*; *Hyria Stephens,1829 nec Lam.,1819*; *Ania Stephens,1831*; *Goniacidalia Packard,1873*; *Pythodora Meyrick,1886*; *Janarda Moore,1888*; *Xenocentris Meyrick,1889*; *Mnesterodes Meyrick,1889*; *Aphrogeneia Gumpfenberg,1890*; *Argia Gumpfenberg,1890*; *Gnidia Gumpfenberg,1890*; *Pelagia Gumpfenberg,1890 nec Peron,1810*; ; *Andragrupos Hampson,1891*; *Carphoxera Riley,1891*; *Zeuctoneura W.Warren,1895*; *Synomila Hulst,1896*; *Ptenopoda Hulst,1896*; *Polygraphodes W.Warren,1897*; *Leptacme W.Warren,1897*; *Brachyprota W.Warren,1897*; *Hemipogon W.Warren,1897*; *Cacorista W.Warren,1899*; *Anteosis W.Warren,1900*; *Hyriogona W.Warren,1900*; *Neochrysa W.Warren,1900*; *Pogonogya W.Warren,1900*; *Prospasta W.Warren,1900*; *Cysteophora Hulst,1900*; *Thysanotricha W.Warren,1903*; *Deinopyga W.Warren,1904*; *Schematorhages W.Warren,1905*; *Lobura W.Warren,1906*; *Omopera W.Warren,1906*; *Argyroscelia W.Warren,1907*; *Pareupithex W.Warren,1907*; etc. **Original Reference:** *Idaea Treitschke,1825*, Schmett. Eur. 5 (2): 446. Type-species: *Phalaena aversata Linnaeus,1758*, by subsequent designation by Moore,[1887].
- 118. Isturgia Hübner,[1823]** (Geometridae) **Synonym(s):** *Isturgia Hübner,[1823]*; *Tephрина Guenée,[1845]*; *Histurgia Agassiz,1847*; *Enconista Lederer,1853*; *Bichroma Gumpfenberg,1887*; *#Tephрина Okyar & Aytac,1999* **Original Reference:** *Isturgia Hübner,[1823]*, Verz. bekannt. Schmett.: 297. Type-species: *Geometra conspicuata* [Denis & Schiffermüller],1775, by monotypy.
- 119. Itame Hübner,[1823]** (Geometridae) **Synonym(s):** *Itame Hübner,[1823]*; *Speranza Curtis,1828*; *Halia Duponchel,1829 nec Rizzo,1826*; *Grammatophora Stephens,1829*; *Eupisteria Boisduval,1840*; *Thamnonoma Lederer,1853* **Original Reference:** *Itame Hübner,[1823]*, Verz. bekannt. Schmett.: 299. Type-species: *Geometra vinculatia Hübner,[1813]*, by subsequent designation by Hulst,1896.
- 120. Jodis Hübner,[1823]** (Geometridae) **Synonym(s):** *Jodis Hübner,[1823]*; *Leucoglyphica W.Warren,1894*; *Pareuchloris W.Warren,1894* **Original Reference:** *Jodis Hübner,[1823]*, Verz. bekannter Schmett.: 286. Type-species: *Geometra aeruginaria* [Denis & Schiffermüller],1775, Ankündigung

syst. Werkes Schmett. Wienergegend: 314, by subsequent designation by Guenée, 1857, Hist. nat. Ins. 9: 355.

- 121. Lampropteryx Stephens, 1831** (Geometridae) Synonym(s): *Lampropteryx* Stephens, 1831; *Paralophia* W. Warren, 1893; *Anisobole* W. Warren, 1902; *Paracomucha* W. Warren, 1904 Original Reference: *Lampropteryx* Stephens, 1831, Illust. Br. Ent. (Haustellata) 3: 233. Type-species: *Geometra suffumata* [Denis & Schiffermüller], 1775, by subsequent designation by Westwood, 1840.
- 122. Larentia Treitschke, 1825** (Geometridae) Synonym(s): *Larentia* Treitschke, 1825; *Plerocymia* Hübner, [1825]; *Larentia* Stephens, 1829 nec Tr., 1825; *Cymazonita* Sodoffsky, 1837 Original Reference: *Larentia* Treitschke, 1825, Schmett. Eur. 5 (2): 440. Type-species: *Geometra clavaria* Haworth, 1809, by subsequent designation by Stephens, 1831.
- 123. Larerannis Wehrli, 1935** (Geometridae) Synonym(s): *Larerannis* Wehrli, 1935; *Phigaliohybernia* Inoue, 1942; *#Lanerannis* Neave, 1939; *Pachyerannis* Inoue, 1982 Original Reference: *Larerannis* Wehrli, 1935, Ent. Z., Frankf. a. M. 49: 107. Type-species: *Phigalia orthogrammaria* Wehrli, 1927, by original designation.
- 124. Lehmannodes Rajaei & Stüning, 2013** (Geometridae) Synonym(s): *Lehmannodes Rajaei* & Stüning, 2013 Original Reference: *Lehmannodes Rajaei* & Stüning, 2013, Zool. Anz. 252 (4): 565. Type-species: *Aplocera guneyi* Riemis, 1992, by original designation.
- 125. Ligdia Guenée, [1858]** (Geometridae) Synonym(s): *Ligdia* Guenée, [1858]; *Harpicostia* Wehrli, 1936 Original Reference: *Ligdia* Guenée, [1858], [in] Boisduval & Guenée, Hist. nat. Insectes (Lépid.) 10: 209. Type-species: *Geometra adustata* [Denis & Schiffermüller], 1775, by original designation.
- 126. Lithostege Hübner, [1825]** (Geometridae) Synonym(s): *Lithostege* Hübner, [1825]; *Agrapha Gumpfenberg*, 1887. Original Reference: *Lithostege* Hübner, [1825], Verz. bekannter Schmett.: 337. Type-species: *Geometra duplicaria* Hübner, [1799], Samml. eur. Schmett. 5: pl. 40 fig. 208, by subsequent designation by Hulst, 1896, Trans. Am. ent. Soc. 23: 259.
- 127. Lomaspilis Hübner, [1825]** (Geometridae) Synonym(s): *Lomaspilis* Hübner, [1825] Original Reference: *Lomaspilis* Hübner, [1825], Verz. bekannter Schmett.: 306. Type-species: *Phalaena marginata* Linnaeus, 1758, Syst. Nat. (Edn. 10) 1: 527, by subsequent designation by Grote, 1902, Insektenbörse 19: 314.
- 128. Lomographa Hübner, [1825]** (Geometridae) Synonym(s): *Lomographa* Hübner, [1825]; *Bapta* Stephens, 1829; *Corycia* Duponchel, 1829 nec Hbn., [1825]; *Aleucis* Guenée, [1858]; *Lomatographa* Agassiz, 1847; *Anhibernia* Staudinger, 1892; *Leucetaera* W. Warren, 1894; *Earoxyptera* Djakonov, 1936; *Neobapta* Djakonov, 1936 nec Warr., 1904; *Cyrtesia* Wehrli, 1937; *Cirretaera* Wehrli, 1939; *Eudjakonovia* D.S. Fletcher, 1979 Original Reference: *Lomographa* Hübner, [1825], Verz. bekannter Schmett.: 311. Type-species: *Geometra taminata* [Denis & Schiffermüller], 1775, by subsequent designation by W. Warren, 1899.
- 129. Lycia Hübner, [1825]** (Geometridae) Synonym(s): *Lycia* Hübner, [1825]; *Nyssia* Duponchel, 1829; *Melanocoma* Harrison, 1910 nec Woll., 1867; *Poecilopsis* Harrison, 1910 Original Reference: *Lycia* Hübner, [1825], Verz. bekannter Schmett.: 319. Type-species: [*Phalaena*] *hirtaria* Clerck, 1759, by subsequent designation by Hulst, 1896.
- 130. Lythria Hübner, [1823]** (Geometridae) Synonym(s): *Lythria* Hübner, [1823] Original Reference: *Lythria* Hübner, [1823], Verz. bekannter Schmett.: 300. Type-species: *Phalaena purpuraria* Linnaeus, 1758, Syst. Nat. (Edn. 10) 1: 522, by monotypy.
- 131. Macaria Curtis, 1826** (Geometridae) Synonym(s): *Macaria* Curtis, 1826; *Philobia* Duponchel, 1829; *Eutropa* Hübner, [1831]; *Sciagraphia* Hulst, 1896 Original Reference: *Macaria* Curtis, 1826, Br. Ent. 3: 132. Type-species: [*Phalaena*] *litrata* Clerck, 1759, by original designation.
- 132. Mattia Viidalepp, 2012** (Geometridae) Synonym(s): *#Mattia* Hausmann, 2011; *Mattia Viidalepp*, 2012 Original Reference: *Mattia Viidalepp*, 2012, [in] Hausmann & Viidalepp, Geometrid moths Europe 3: 175. Type-species: *Cidaria callidaria* De Joannis, 1891, by original designation.
- 133. Megalycinia Wehrli, 1939** (Geometridae) Synonym(s): *Megalycinia* Wehrli, 1939 Original Reference: *Megalycinia* Wehrli, 1939, Mitt. münch. ent. Ges. 29: 73. Type-species: *Hemerophila scalaria* Christoph, 1893, by original designation.
- 134. Melanthia Duponchel, 1829** (Geometridae) Synonym(s): *Melanthia* Duponchel, 1829 Original Reference: *Melanthia* Duponchel, 1829, [in] Godart & Duponchel, Hist. nat. Lépid. Papillons Fr. 7 (2): 111. Type-species: *Geometra procellata* [Denis & Schiffermüller], 1775, by original designation.
- 135. Menophra Moore, [1887]** (Geometridae) Synonym(s): *Hemerophila* Stephens, 1829 nec Hbn., [1817]; *Menophra* Moore, 1887; *Leptodontopera* W. Warren, 1894; *Ephemerophila* W. Warren, 1894; *Ceruncina* Wehrli, 1941; *Malacuncina* Wehrli, 1941 Original Reference: *Menophra* Moore, [1887], Lepid. Ceylon 3: 409. Type-species: *Phalaena abruptaria* Thunberg, 1792, by original designation.

- 136. Microloxia W.Warren,1893** (Geometridae) Synonym(s): *Microloxia W.Warren,1893* Original Reference: *Microloxia W.Warren,1893*, Proc. zool. Soc. Lond. 1893: 354. Type-species: *Geometra herbaria* Hübner,[1813], by original designation.
- 137. Minoa Treitschke,1825** (Geometridae) Synonym(s): *Minoa Treitschke,1825* Original Reference: *Minoa Treitschke,1825*, Schmett. Eur. 5 (2): 445. Type-species: *Geometra euphorbiata* [Denis & Schiffermüller],1775, by subsequent designation by Duponchel,1829.
- 138. Myinodes Meyrick,1892** (Geometridae) Synonym(s): *Myinodes Meyrick,1892*; *Pseudotagma Staudinger,1892* Original Reference: *Myinodes Meyrick,1892*, Trans. ent. Soc. Lond. 1892: 80, 82. Type-species: *Sterrha interpunctaria* Herrich-Schäffer,1839, by original designation.
- 139. Napuca Walker,[1863]** (Geometridae) Synonym(s): *Napuca Walker,[1863]*; *Semiaspilates Wehrli,1953* Original Reference: *Napuca Walker,[1863]*, List Specimens lepid. Insects Colln Br. Mus. 26: 1693. Type-species: *Napuca orciferaria* Walker,[1863], by monotypy.
- 140. Narraga Walker,1861** (Geometridae) Synonym(s): *Narraga Walker,1861* Original Reference: *Narraga Walker,1861*, List Specimens lepid. Insects Colln Br. Mus. 23: 948. Type-species: *Geometra cebraria* Hübner,[1799], by subsequent monotypy.
- 141. Nebula Bruand,[1846]** (Geometridae) Synonym(s): *Nebula Bruand,[1846]* Original Reference: *Nebula Bruand,[1846]*, Mém. Soc. Emul. Doubs (1) 2 (2, livr. 3,4): 86. Type-species: *Cidaria nebulata* Treitschke,1828, by subsequent designation by Viette,1977.
- 142. Neognopharmia Wehrli,1953** (Geometridae) Synonym(s): *#Neognopharmia Wehrli,1951*; *Neognopharmia Wehrli,1953* Original Reference: *Neognopharmia Wehrli,1953*, [in] Seitz, Gross-Schmett. Erde 4 (Suppl.): 568. Type-species: *Halia stevenaria* Boisduval,1840, by original designation.
- 143. Nothocasis L.B.Prout,1936** (Geometridae) Synonym(s): *Nothocasis L.B.Prout,1936* Original Reference: *Nothocasis L.B.Prout,1936*, [in] Seitz, Gross-Schmett. Erde 4 (Suppl.): 89. Type-species: *Geometra sertata* Hübner,[1817], by original designation.
- 144. Nychiodes Lederer,1853** (Geometridae) Synonym(s): *Nychiodes Lederer,1853* Original Reference: *Nychiodes Lederer,1853*, Verh. zool.- bot. Ver. Wien 3 (Abh.): 177, 216, 219. Type-species: *Geometra lividaria* Hübner,[1799], by subsequent designation by Guenée,1857.
- 145. Nychiodes (Eunychiodes) Wehrli,1941** (Geometridae) Synonym(s): *Eunychiodes Wehrli,1941* Original Reference: *Eunychiodes Wehrli,1941*, [in] Seitz, Gross-Schmett. Erde 4 (Suppl.): 441. Type-species: *Gnophos amygdalaria* Herrich-Schäffer,[1848], by original designation.
- 146. Nychiodes (Fritzwagneria) Wehrli,1941** (Geometridae) Synonym(s): *Fritzwagneria Wehrli,1941* Original Reference: *Fritzwagneria Wehrli,1941*, [in] Seitz, Gross-Schmett. Erde 4 (Suppl.): 438. Type-species: *Nychiodes dalmatina* F.Wagner,1909, by original designation.
- 147. Nychiodes (s.str.) Lederer,1853** (Geometridae) Synonym(s): *Nychiodes Lederer,1853* Original Reference: *Nychiodes Lederer,1853*, Verh. zool.- bot. Ver. Wien 3 (Abh.): 177, 216, 219. Type-species: *Geometra lividaria* Hübner,[1799], by subsequent designation by Guenée,1857.
- 148. Ochodontia Lederer,1853** (Geometridae) Synonym(s): *Ochodontia Lederer,1853*; *#Ochodontia Vasilenko,1998* Original Reference: *Ochodontia Lederer,1853*, Verh. zool.- bot. Ver. Wien 3: 175, 190, 194. Type-species: *Ennomos sareptanaria* Freyer,1842, by monotypy.
- 149. Odezia Boisduval,1840** (Geometridae) Synonym(s): *Tanagra Duponchel,1829 nec Linn.,1764*; *Odezia Boisduval,1840*; *Hodezia Spormann,1909* Original Reference: *Odezia Boisduval,1840*, Genera Index méth. eur. Lpid.: 229. Type-species: *Phalaena chaerophyllata* Linnaeus,1767, by original designation.
- 150. Odontognophos Wehrli,1951** (Geometridae) Synonym(s): *Odontognophos Wehrli,1951*; *#Odontognophos Wehrli,1951* Original Reference: *Odontognophos Wehrli,1951*, Lambillionea 51: 8. Type-species: *Gnophos dumetata* Treitschke,1827, by original designation.
- 151. Odontopera Stephens,1831** (Geometridae) Synonym(s): *Odontopera Stephens,1831*; *Corotia Moore,1868*; *Niphonissa Butler,1878*; *Caripetodes W.Warren,1895*; *Cenoctenucha W.Warren,1897*; *Aethiopodes W.Warren,1902*; *Lioptilesia Wehrli,1936*; *Paragonodontis Wehrli,1936* Original Reference: *Odontopera Stephens,1831*, Illust. Br. Ent. (Haustellata) 3: 162. Type-species: [*Phalaena*] *bidentata* Clerck,1759, by monotypy.
- 152. Operophtera Hübner,[1825]** (Geometridae) Synonym(s): *Operophtera Hübner,[1825]*; *Thysanodes Rambur,1870 nec Newm.,1842*; *Rachela Hulst,1896*; *Paraptera Hulst,1896* Original Reference: *Operophtera Hübner,[1825]*, Verz. bekannter Schmett.: 321. Type-species: *Phalaena brumata* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 529, by subsequent designation by Hulst,1896, Trans. Am. ent. Soc. 23: 252.

- 153. Opisthograptis Hübner,[1823]** (Geometridae) Synonym(s): *Opisthograptis Hübner,[1823]*; *Rumia Duponchel,1829*. Original Reference: *Opisthograptis Hübner,[1823]*, Verz. bekannt. Schmett.: 292. Type-species: *Phalaena crataegata* Linnaeus,1761, by monotypy.
- 154. Orthonama Hübner,[1825]** (Geometridae) Synonym(s): *Orthonama Hübner,[1825]*; *Plemyria Hübner,[1825] nec Hbn.,[1825]*; *Nycterosea Hulst,1896*; *Percnoptilota Hulst,1896* Original Reference: *Orthonama Hübner,[1825]*, Verz. bekannter Schmett.: 331. Type-species: *Geometra lignata* Hübner,[1799], Samml. eur. Schmett. 5: pl.52 fig.270, by subsequent designation by Warren,1895, Novit. zool. 2: 116.
- 155. Orthostixis Hübner,[1823]** (Geometridae) Synonym(s): *Orthostixis Hübner,[1823]* Original Reference: *Orthostixis Hübner,[1823]*, Verz. bekannt. Schmett.: 304. Type-species: *Geometra cribraria* Hübner,[1799], by subsequent designation by Guenée,1857.
- 156. Oulobophora Staudinger,1892** (Geometridae) Synonym(s): *Oulobophora Staudinger,1892* Original Reference: *Oulobophora Staudinger,1892*, Dt. ent. Z., Iris 5: 219. Type-species: *Oulobophora macedonica* Staudinger,1892, by monotypy.
- 157. Ourapteryx Leach,1814** (Geometridae) Synonym(s): *Ourapteryx Leach,1814*; *Uraptera Billberg,1820*; *Acaena Treitschke,1825*; *Uropteryx Agassiz,1847*; *Euctenurapteryx W.Warren,1894*; *Energopteryx Thierry-Mieg,1903*; *Phrudura Swinhoe,1906*. Original Reference: *Ourapteryx Leach,1814*, [in] Leach & Nodder, Zool. Miscell. 1: 79. Type-species: *Phalaena sambucaria* Linnaeus,1758, by subsequent designation by Duponchel,1829.
- 158. Pachynemia Stephens,1829** (Geometridae) Synonym(s): *Pachynemia Stephens,1829*; *Sthanelia Boisduval,1840*; *Continia Hartig,1976*; *#Pachynemia Okyar & Aytaç,1999* Original Reference: *Pachynemia Stephens,1829*, Nom. Br. Insects: 44. Type-species: *Geometra hippocastanaria* Hübner,[1799], by monotypy.
- 159. Paraboardia Krampl,1994** (Geometridae) Synonym(s): *Paraboardia Krampl,1994* Original Reference: *Paraboardia Krampl,1994*, Folia Heydrovskyana 2 (7): 89. Type-species: *Boarmia viertlii* Bohatsch,1883, by original designation.
- 160. Paradarisa W.Warren,1894** (Geometridae) Synonym(s): *Paradarisa W.Warren,1894* Original Reference: *Paradarisa W.Warren,1894*, Novit. zool. 1: 433. Type-species: *Boarmia comparataria* Walker,1866, by original designation.
- 161. Parectropis Sato,1980** (Geometridae) Synonym(s): *Parectropis Sato,1980* Original Reference: *Parectropis Sato,1980*, Tyo to Ga 31 (1/2): 41. Type-species: *Geometra extersaria* Hübner,[1799], by original designation.
- 162. Pareulype Herbulot,1951** (Geometridae) Synonym(s): *Pareulype Herbulot,1951* Original Reference: *Pareulype Herbulot,1951*, Revue fr. Lépidopt. 13: 62. Type-species: *Geometra berberata* [Denis & Schiffermüller],1775, by original designation.
- 163. Pasiphila Meyrick,1883** (Geometridae) Synonym(s): *Pasiphila Meyrick,1883*; *Calliclystis Dietze,1910*; *Cithecia Staudinger,1897*; *Helastiodes W.Warren,1895*; *Rhinoprora W.Warren,1895*. Original Reference: *Pasiphila Meyrick,1883*, N.Z. Jl.Sci. Dunedin 1: 527. Type-species: *Eupithecia bilineolata* Walker,1862, by monotypy.
- 164. Pellonia Duponchel,1829** (Geometridae) Synonym(s): *Pellonia Duponchel,1829* Original Reference: *Pellonia Duponchel,1829*, [in] Godart & Duponchel, Hist. nat. Lépid. Papillons Fr. 7 (2): 109. Type-species: [*Phalaena*] *vibicaria* Clerck,1759, by original designation.
- 165. Pelurga Hübner,[1825]** (Geometridae) Synonym(s): *Pelurga Hübner,[1825]* Original Reference: *Pelurga Hübner,[1825]*, Verz. bekannter Schmett.: 335. Type-species: *Phalaena comitata* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 526, by subsequent designation by Lhomme,1927, Amat. Papillons 3: 221.
- 166. Perconia Hübner,[1823]** (Geometridae) Synonym(s): *Perconia Hübner,[1823]* Original Reference: *Perconia Hübner,[1823]*, Verz. bekannt. Schmett.: 296. Type-species: *Phalaena strigillaria* Hübner,[1787], by subsequent designation by Lhomme,[1929].
- 167. Peribatodes Wehrli,1943** (Geometridae) Synonym(s): *Peribatodes Wehrli,1943* Original Reference: *Peribatodes Wehrli,1943*, [in] Seitz, Gross-Schmett. 4 (Suppl.): 478. Type-species: *Geometra rhomboidaria* [Denis & Schiffermüller],1775, by original designation.
- 168. Perizoma Hübner,[1825]** (Geometridae) Synonym(s): *Perizoma Hübner,[1825]*; *Mesotype Hübner,[1825]*; *Emmelesia Stephens,1829*; *Zerynthia Curtis,1830 (praeocc.)*; *Gagitodes W.Warren,1893* Original Reference: *Perizoma Hübner,[1825]*, Verz. bekannter Schmett.: 327. Type-species: *Geometra albulata* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 109, by subsequent designation by Warren,1893, Proc. zool. Soc. Lond. 1893: 377.

- 169. *Petrophora* Hübner,[1811]** (Geometridae) **Synonym(s):** *Petrophora* Hübner,[1811]; *Ortholitha* Hübner,[1821]; *Lithina* Hübner,[1825]; *Lozogramma* Stephens,1829; *Loxogramma* Agassiz,1847; *Perigune* Gumpfenberg,1887
Original Reference: *Petrophora* Hübner,[1811], Samml. exot. Schmett. 1: pl. [207]. Type-species: *Petrophora divisata* Hübner,[1811], by monotypy.
- 170. *Phaiogramma* Gumpfenberg,1887** (Geometridae) **Synonym(s):** *Phaiogramma* Gumpfenberg,1887
Original Reference: *Phaiogramma* Gumpfenberg,1887, Nova Acta Acad. Caesar. Leop. Carol. 49: 326. Type-species: *Nemoria faustinata* Millière,1868, by subsequent monotypy.
- 171. *Phaselia* Guenée,[1858]** (Geometridae) **Synonym(s):** *Phaselia* Guenée,[1858]
Original Reference: *Phaselia* Guenée,[1858], Hist. nat. Ins., Spec. gén. Lépid. 9: 228. Type-species: *Synopsis phaeoleucaria* Lederer,1855, by monotypy.
- 172. *Phibalapteryx* Stephens,1829** (Geometridae) **Synonym(s):** *Phibalapteryx* Stephens,1829; *Mesogramma* Stephens,1850
Original Reference: *Phibalapteryx* Stephens,1829, Nom. Br. Insects: 44. Type-species: *Geometra lineolata* [Denis & Schifferrmüller],1775, by subsequent designation by Curtis,1836.
- 173. *Phigalia* Duponchel,1829** (Geometridae) **Synonym(s):** *Phigalia* Duponchel,1829; *Pterocera* Staudinger,1892; *Coniodes* Hulst,1896; *Rhaphidodemas* Hulst,1896; *Metriocera* Djakonov,1949.
Original Reference: *Phigalia* Duponchel,1829, [in] Godart & Duponchel, Hist. nat. Lépid. Papillons Fr. 7 (2): 106, 296. Type-species: *Geometra pilosaria* [Denis & Schifferrmüller],1775, by original designation.
- 174. *Philereme* Hübner,[1825]** (Geometridae) **Synonym(s):** *Philereme* Hübner,[1825]; *Scotosia* Stephens,1829.
Original Reference: *Philereme* Hübner,[1825], Verz. bekannter Schmett.: 330. Type-species: *Geometra rhamnata* [Denis & Schifferrmüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 109, by subsequent designation by Hulst,1896, Trans. Am. ent. Soc. 23: 276.
- 175. *Phthonandria* W.Warren,1894** (Geometridae) **Synonym(s):** *Phthonandria* W.Warren,1894
Original Reference: *Phthonandria* W.Warren,1894, Novit. zool. 1: 434. Type-species: *Hemerophila atrilineata* Butler,1881, by original designation.
- 176. *Phyllometra* Boisduval,1840** (Geometridae) **Synonym(s):** *Phyllometra* Boisduval,1840; *Egea* Duponchel,[1845]
Original Reference: *Phyllometra* Boisduval,1840, Genera Index méth. eur. Lépid.: 193. Type-species: *Phyllometra gracilaria* Boisduval,1840, by monotypy.
- 177. *Plagodis* Hübner,[1823]** (Geometridae) **Synonym(s):** *Plagodis* Hübner,[1823]; *Anagoga* Hübner,[1823]; *Azinephora* Stephens,1827; *Eurymene* Duponchel,1829; *Numeria* Duponchel,1829.
Original Reference: *Plagodis* Hübner,[1823], Verz. bekannter Schmett.: 294. Type-species: *Phalaena dolabraria* Linnaeus,1767, Syst. Nat. (Edn.12) 1(2): 861, by monotypy.
- 178. *Plemyria* Hübner,[1825]** (Geometridae) **Synonym(s):** *Plemyria* Hübner,[1825]
Original Reference: *Plemyria* Hübner,[1825], Verz. bekannter Schmett.: 327. Type-species: *Geometra rubiginata* [Denis & Schifferrmüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 114, by subsequent designation by Fletcher,1979, Generic names moths of the world 3:167
- 179. *Problepsis* Lederer,1853** (Geometridae) **Synonym(s):** *Caloptera* Frivaldsky,1845 nec Gistl,1834; *Problepsis* Lederer,1853; *Argyris* Guenée,[1858]; *Problepsiodes* W.Warren,1899
Original Reference: *Problepsis* Lederer,1853, Verh. zool.- bot. Ver. Wien 3 (Abh.): 74. Type-species: *Caloptera ocellata* Frivaldsky,1845, by monotypy.
- 180. *Proteuchloris* Hausmann,1996** (Geometridae) **Synonym(s):** *Proteuchloris* Hausmann,1996
Original Reference: *Proteuchloris* Hausmann,1996, Nota lepid. 19 (1/2): 24. Type-species: *Geometra neriaria* Herrich-Schäffer,1852, by original designation.
- 181. *Protorhoe* Herbulot,1951** (Geometridae) **Synonym(s):** *Protorhoe* Herbulot,1951
Original Reference: *Protorhoe* Herbulot,1951, Revue fr. Lepidopt. 13: 62. Type-species: *Melanippe unicata* Guenée,[1858], by original designation.
- 182. *Proutictis* Bryk,1938** (Geometridae) **Synonym(s):** *Diastictis* Hübner,[1823] nec Hbn.,1818; *Proutictis* Bryk,1938
Original Reference: *Proutictis* Bryk,1938, Parnassiana 5: 54. Type-species: *Geometra artesiaria* [Denis & Schifferrmüller],1775, by monotypy.
- 183. *Pseudopanthera* Hübner,[1823]** (Geometridae) **Synonym(s):** *Pseudopanthera* Hübner,[1823]; *Venilia* Duponchel,1829 nec Raf.,1815
Original Reference: *Pseudopanthera* Hübner,[1823], Verz. bekannter Schmett.: 295. Type-species: *Phalaena macularia* Linnaeus,1758, Syst. Nat. (Edn.10)1: 521, by subsequent designation by Lhomme,[1929], Cat. Lépid. Fr. et Belg. 1: 398.
- 184. *Pseudoterpna* Hübner,[1823]** (Geometridae) **Synonym(s):** *Pseudoterpna* Hübner,[1823]
Original Reference: *Pseudoterpna* Hübner,[1823], Verz. bekannter Schmett.: 285. Type-species: *Geometra cythisaria* [Denis & Schifferrmüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 97, by subsequent designation by Guenée,1857, Hist. nat. Ins. 9: 339.

- 185. Pungeleria Rougemont,1903** (Geometridae) **Synonym(s):** *Pungeleria Rougemont,1903*
Original Reference: Pungeleria Rougemont,1903, Bull. Soc. neuchatel. Sci. nat. 31: 178. Type-species: Geometra capreolaria [Denis & Schiffermüller],1775, by monotypy.
- 186. Pydna Herrich-Schäffer,[1855]** (Geometridae) **Synonym(s):** *Pydna Herrich-Schäffer,[1855]*
Original Reference: Pydna Herrich-Schäffer,[1855], Syst. Bearb. Schmett. Eur. 6: 127, 128. Type-species: Fidonia badiaria Freyer,1842, by subsequent designation by L.B.Prout,1934.
- 187. Rheumaptera Hübner,1822** (Geometridae) **Synonym(s):** *Rheumaptera Hübner,1822; Eulyte Hübner,[1825]; Calocalpe Hübner,[1825]; Melanippe Duponchel,1829; Rheumatoptera Gumpfenberg,1887; Xenospora W.Warren,1903* Original Reference: Rheumaptera Hübner,1822, Syst.- alphab. Verz.: 38-41, 43-47, 49-51. Type-species: Phalaena hastata Linnaeus,1758, by subsequent designation by Hulst,1896.
- 188. Rhodometra Meyrick,1892** (Geometridae) **Synonym(s):** *Rhodometra Meyrick,1892; Sterrhanthia Butler,1894* Original Reference: Rhodometra Meyrick,1892, Trans. ent. Soc. Lond. 1892: 60, 75. Type-species: Phalaena sacraria Linnaeus,1767, by subsequent designation by Lhomme,[1930].
- 189. Rhodostrophia Hübner,[1823]** (Geometridae) **Synonym(s):** *Rhodostrophia Hübner,[1823]; Delocharis Butler,1883; Leptosidia Hampson,1903; #Rhodostrophia Brandt,1938* Original Reference: Rhodostrophia Hübner,[1823], Verz. bekannter Schmett.: 300. Type-species: Phalaena calabra Petagna,1786, Spec. Insect. ulterioris Calabriae: 38, fig.23, by subsequent designation by Hampson,1895, Fauna Br. India (Moths) 3: 455.
- 190. Rhoptria Guenée,[1858]** (Geometridae) **Synonym(s):** *Rhoptria Guenée,[1858]; Pseudognophos Staudinger,1900* Original Reference: Rhoptria Guenée,[1858], [in] Boisduval & Guenée, Hist. nat. Insectes (Lépid.) 10: 114. Type-species: Geometra asperaria Hübner,[1817], by subsequent designation by Lhomme,[1930].
- 191. Schistostege Hübner,[1825]** (Geometridae) **Synonym(s):** *Schistostege Hübner,[1825]*
Original Reference: Schistostege Hübner,[1825], Verz. bekannt. Schmett.: 336. Type-species: Geometra decussata [Denis & Schiffermüller],1775, by subsequent designation by Grote,1902.
- 192. Scopula Schrank,1802** (Geometridae) **Synonym(s):** *Scopula Schrank,1802; Sphecodes Hübner,1822 nec Latr.,1804; Sarodria Sodoffsky,1837; Sarothria Agassiz,1847* Original Reference: Scopula Schrank,1802, Fauna Boica 2 (2): 162. Type-species: Phalaena paludata Linnaeus,1767, by subsequent designation by L.B.Prout,1906.
- 193. Scotopteryx Hübner,[1825]** (Geometridae) **Synonym(s):** *Scotopteryx Hübner,[1825]; Onychia Hübner,[1825]; Eubolia Duponchel,1829; Phasiane Duponchel,1829; Eusebia Bruand,1846 nec Dup.,[1845]; Limonophila Gumpfenberg,1887; Forbachia Albrecht,1920.* Original Reference: Scotopteryx Hübner,[1825], Verz. bekannter Schmett.: 338. Type-species: Geometra tenebraria Hübner,[1809], Samml. eur. Schmett. 5: pl.64 fig.330, by monotypy.
- 194. Selenia Hübner,[1823]** (Geometridae) **Synonym(s):** *Selenia Hübner,[1823]* Original Reference: Selenia Hübner,[1823], Verz. bekannter Schmett.: 292. Type-species: Geometra illunaria Hübner,[1799], Samml. eur. Schmett. 5: pl.7 figs.36,37, by subsequent designation by Guenée,1857 [in] Boisduval & Guenée, Hist. nat. Insectes 9: 152.
- 195. Selidosema Hübner,[1823]** (Geometridae) **Synonym(s):** *Selidosema Hübner,[1823]; Spermogumpfenberg,1887.* Original Reference: Selidosema Hübner,[1823], Verz. bekannt. Schmett.: 299. Type-species: Geometra plumaria [Denis & Schiffermüller],1775, by subsequent designation by Derenne-Meyers,1929.
- 196. Siona Duponchel,1829** (Geometridae) **Synonym(s):** *Siona Duponchel,1829; #Sionia Okyar & Aytaç,1999* Original Reference: Siona Duponchel,1829, [in] Godart & Duponchel, Hist. nat. Lépid. Papillons Fr. 7 (2): 112. Type-species: Phalaena dealbata Linnaeus,1767, by original designation.
- 197. Stamnodes Guenée,[1858]** (Geometridae) **Synonym(s):** *Stamnodes Guenée,[1858]; Tora Walker,1867; Marmopteryx Packard,1874; Synneuria Mabilie,1885; Lissopsis W.Warren,1894; Grammicopteryx Thierry-Mieg,1904* Original Reference: Stamnodes Guenée,[1858], [in] Boisduval & Guenée, Hist. nat. Insectes (Lépid.) 10: 515. Type-species: Fidonia pauperaria Eversmann,1848, by monotypy.
- 198. Stegania Guenée,[1845]** (Geometridae) **Synonym(s):** *Stegania Guenée,[1845]; Terpnomicta Lederer,1853; Liposchema W.Warren,1914* Original Reference: Stegania Guenée,[1845], [in] Duponchel, Cat. méth. Lépid. Eur.: 270. Type-species: Geometra permutataria Hübner,[1799], by subsequent designation by Desmarest,[1848].
- 199. Stueningia Hausmann,1993** (Geometridae) **Synonym(s):** *Stueningia Hausmann,1993; #Stegania Riemis,1996* Original Reference: Stueningia Hausmann,1993, Bonn. zool. Beitr. 44 (3/4): 228-229. Type-species: Gnophos poggearia Lederer,1855, by original designation.

- 200. *Synopsia* Hübner,[1825]** (Geometridae) Synonym(s): *Synopsia* Hübner,[1825] Original Reference: *Synopsia* Hübner,[1825], Verz. bekannter Schmett.: 317. Type-species: *Geometra sociaria* Hübner,[1799], by subsequent designation by Lhomme,[1929].
- 201. *Synopsidia* Djakonov,1935** (Geometridae) Synonym(s): *Synopsidia* Djakonov,1935; *Hashtaresia* Wehrli,1936 Original Reference: *Synopsidia* Djakonov,1935, *Lambillionea* 35: 147. Type-species: *Synopsidia znojko* Djakonov,1935, by original designation.
- 202. *Tephronia* Hübner,[1825]** (Geometridae) Synonym(s): *Tephronia* Hübner,[1825]; *Mniophila* Boisduval,1840 nec *Stph.*,1834; *Gymnospile* Gumpfenberg,1887; *L.B.Mannia* Prout,1915 nec *Davidson*,1874; *Eumannia* D.S.Fletcher,1979 Original Reference: *Tephronia* Hübner,[1825], Verz. bekannter Schmett.:
- 203. *Thalera* Hübner,[1823]** (Geometridae) Synonym(s): *Thalera* Hübner,[1823]; *Chlorochroma* Duponchel,[1845]; *Heterothalera* Bryk,1949 Original Reference: *Thalera* Hübner,[1823], Verz. bekannter Schmett.: 285. Type-species: *Phalaena thymiararia* Linnaeus,1767, *Syst. Nat. (Edn.12)* 1(2): 859, by subsequent designation by Moore,[1887], *Lepid. Ceylon* 3: 428.
- 204. *Thera* Stephens,1831** (Geometridae) Synonym(s): *Thera* Stephens,1831; *Corythea* Duponchel,[1845] Original Reference: *Thera* Stephens,1831, *Illust. Br. Ent. (Haustellata)* 3: 271. Type-species: *Geometra variata* [Denis & Schiffermüller],1775, by subsequent designation by Curtis,1834.
- 205. *Thera* (Pennithera) Viidalepp,1980** (Geometridae) Synonym(s): *Pennithera* Viidalepp,1980 Original Reference: *Pennithera* Viidalepp,1980, *Uchen. Zap. tartu gos. Univ.* 13 (516): 68. Type-species: *Cidaria comis* Butler,1879, by original designation.
- 206. *Therapis* Hübner,[1823]** (Geometridae) Synonym(s): *Therapis* Hübner,[1823]; *Caustoloma* Lederer,1853 Original Reference: *Therapis* Hübner,[1823], Verz. bekannter Schmett.: 288. Type-species: *Geometra flavicaria* [Denis & Schiffermüller],1775, *Ankündigung syst. Werkes Schmett. Wienergegend*: 104, by subsequent designation by Fletcher,1979, [in] *Nye, Generic names moths...*3: 204.
- 207. *Theria* Hübner,[1825]** (Geometridae) Synonym(s): *Theria* Hübner,[1825]; *Cheimatobia* Stephens,1829; *Chimatobia* Agassiz,1847 Original Reference: *Theria* Hübner,[1825], Verz. bekannt. Schmett.: 321. Type-species: *Geometra rupicaprararia* [Denis & Schiffermüller],1775, by subsequent designation by Lhomme,[1929].
- 208. *Thetidia* Boisduval,1840** (Geometridae) Synonym(s): *Euchloris* Hübner,[1823] nec *Bill.*,1820; *Thetidia* Boisduval,1840; *Aglossochloris* L.B.Prout,1912; *Antonechloris* Raineri,1994 Original Reference: *Thetidia* Boisduval,1840, *Genera Index méth. eur. Lépid.*: 189. Type-species: *Thetidia plusiaria* Boisduval,1840, by subsequent designation by Desmarest,1857.
- 209. *Timandra* Duponchel,1829** (Geometridae) Synonym(s): *Timandra* Duponchel,1829; *Bradyepetes* Stephens,1829; *Bradyepetes* Agassiz,1847 Original Reference: *Timandra* Duponchel,1829, [in] *Godart & Duponchel, Hist. nat. Lépid. Papillons Fr.* 7 (2): 105. Type-species: *Timandra amata griseata* Petersen,1902, by original designation.
- 210. *Trichodezia* W.Warren,1895** (Geometridae) Synonym(s): *Trichodezia* W.Warren,1895; *Neodezia* W.Warren,1904 Original Reference: *Trichodezia* W.Warren,1895, *Novit. zool.* 2: 119. Type-species: *Odezia albovittata* Guenée,1857, by original designation.
- 211. *Triphosa* Stephens,1829** (Geometridae) Synonym(s): *Triphosa* Stephens,1829; *Umbrosina* Bruand,1847; *Speluncaris* Bruand,1847; *Strepsizuga* W.Warren,1908 Original Reference: *Triphosa* Stephens,1829, *Nom. Br. Insects*: 44. Type-species: *Phalaena dubitata* Linnaeus,1758, by subsequent designation by Westwood,1840.
- 212. *Venusia* Curtis,1839** (Geometridae) Synonym(s): *Venusia* Curtis,1839; *Discoloxia* W.Warren,1895; *Nomenia* Pearsall,1905 Original Reference: *Venusia* Curtis,1839, *Br. Ent.* 16: 759. Type-species: *Venusia cambrica* Curtis,1839, by original designation.
- 213. *Wehrliola* Strand,1932** (Geometridae) Synonym(s): *Pfeifferia* Wehrli,1932 nec *Gray*,1853; *Wehrliola* Strand,1932; *Pfeifferula* Wehrli,1934 Original Reference: *Wehrliola* Strand,1932, *Folia zool. hydrobiol.* 4: 147. Type-species: *Aspilates revocaria* Staudinger,1892, by original designation.
- 214. *Xanthorhoe* Hübner,[1825]** (Geometridae) Synonym(s): *Xanthorhoe* Hübner,[1825]; *Malenydris* Hübner,[1825]; *Ochyria* Hübner,[1825]; *Cidaria* Stephens,1829; *Coremia* Guenée,[1845] nec *Audinet-Serville*,1834; *Scotocoremia* Butler,1882; *Monochryria* W.Warren,1901; *Anisolasia* W.Warren,1904 Original Reference: *Xanthorhoe* Hübner,[1825], Verz. bekannter Schmett.: 327. Type-species: *Geometra montanata* [Denis & Schiffermüller],1775, *Ankündigung syst. Werkes Schmett. Wienergegend*: 113, by subsequent designation by Warren (1893, *Proc. zool. Soc. Lond.* 1893: 376).

- 215. Xenochlorodes W.Warren,1897** (Geometridae) Synonym(s): *Xenochlorodes W.Warren,1897*; *Hissarica Viidalepp,1988* Original Reference: *Xenochlorodes Warren,1897*, Novit. zool. 4: 47. Type-species: *Xenochlorodes pallida Warren,1897*, ibidem 4: 47, by original designation.

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